

Sprint3

MIT App Inventor and Dashboard-
Application for project using MIT App, Design the
Model and Test the App

Date	11 November 2022
Team ID	PNT2022TMID04650
Project Name	Project – Smart Farmer-IoT Enabled smart Farming Application
Maximum Marks	4 Marks

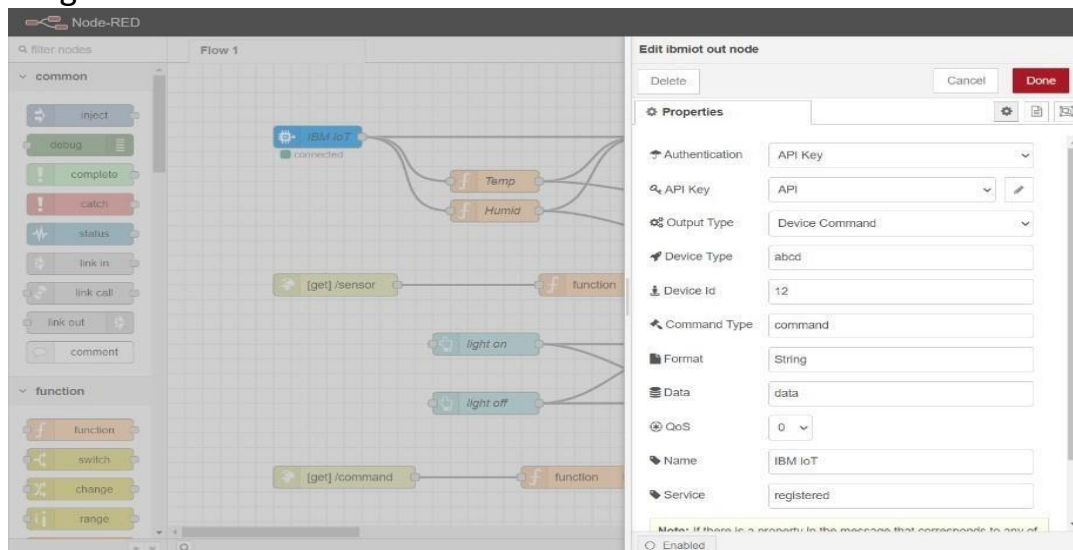
Configuration of Node-Red to send commands to IBM cloud

ibmiot out node I used to send data from Node-Red to IBM Watson device. So, after adding it to the flow we need to configure it with credentials of our Watson device.

Here we add two buttons in UI

1.Light On

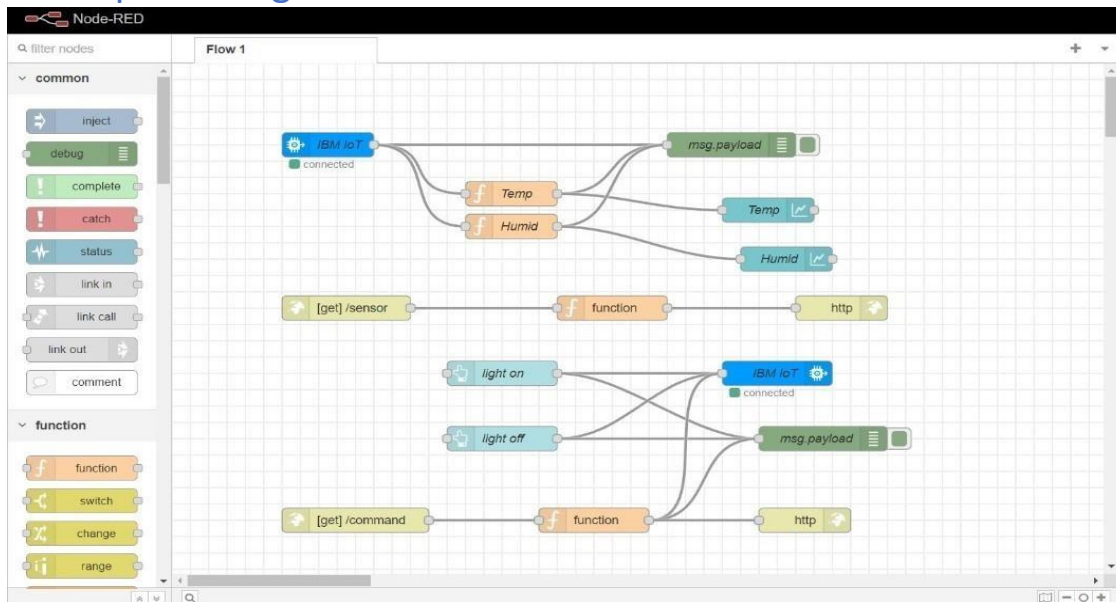
2.Light Off



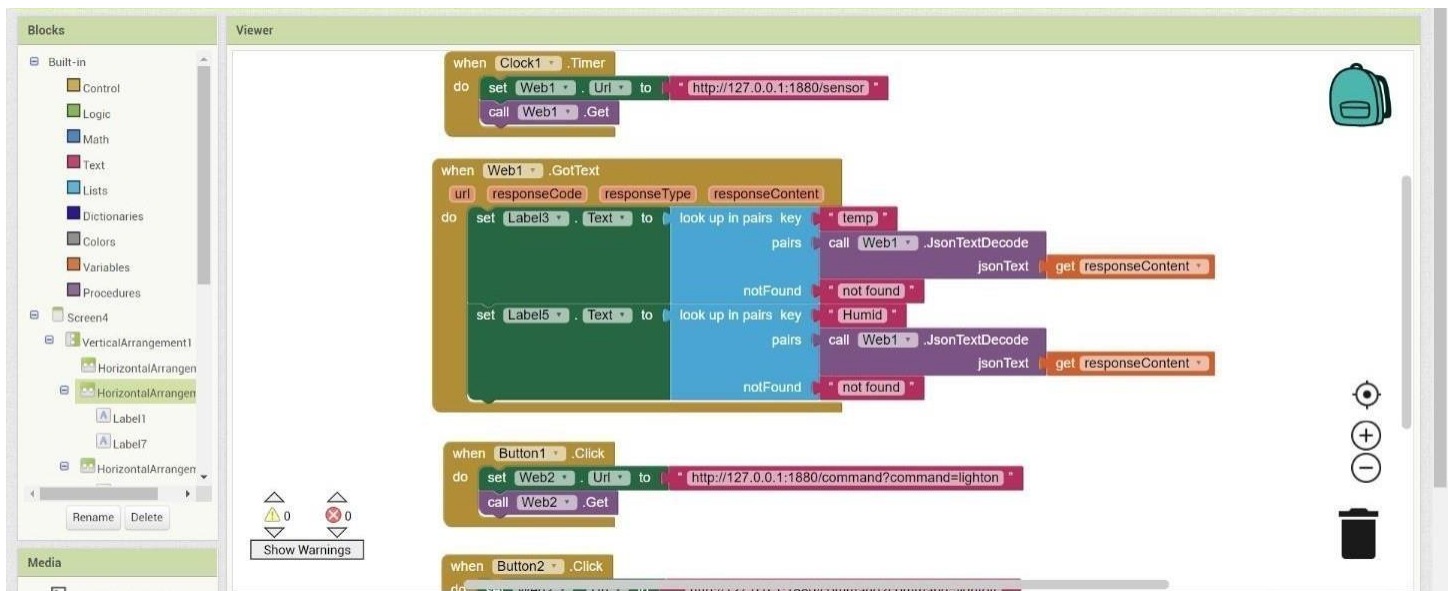
The Java script code for the analyses is:

```
if(msg.payload===1)
msg.payload={"command": "ON"};
else if(msg.payload===0)
msg.payload={"command": "OFF"};
```

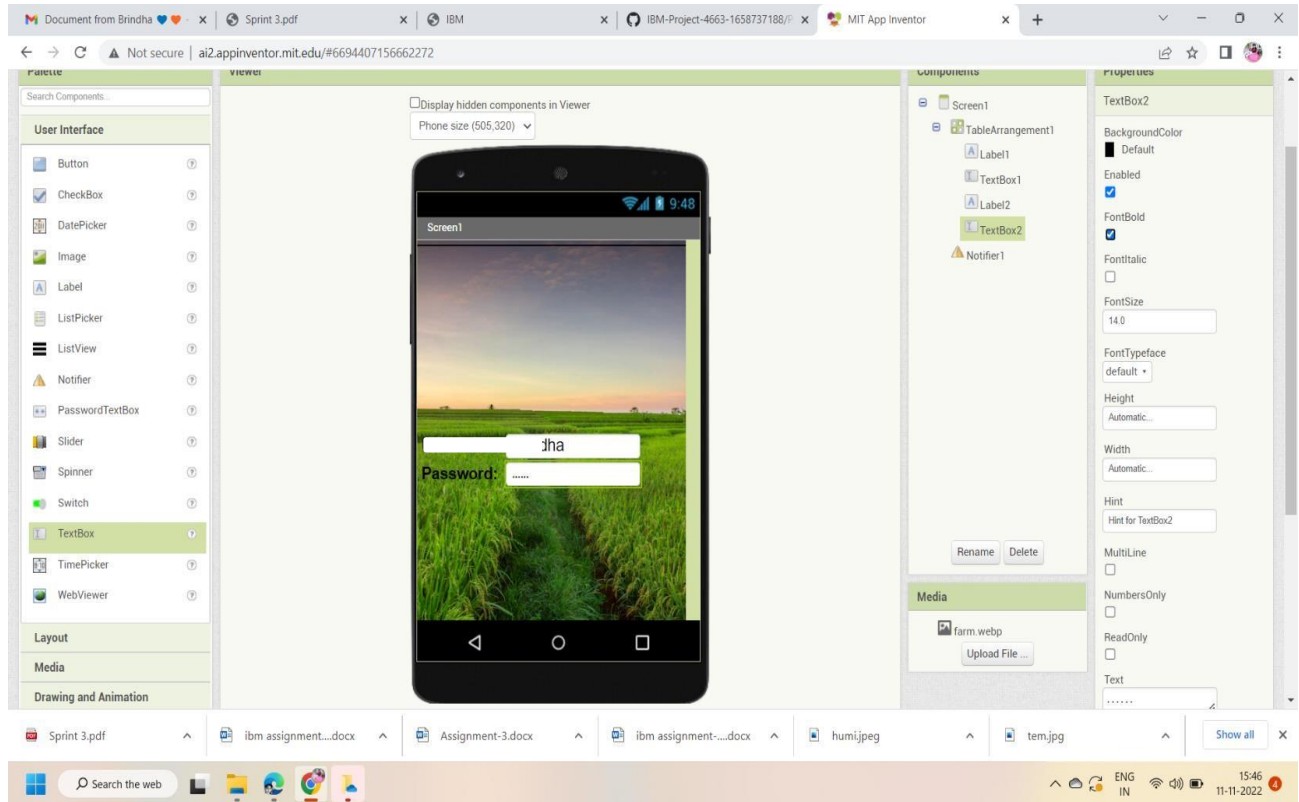

Complete Program Flow



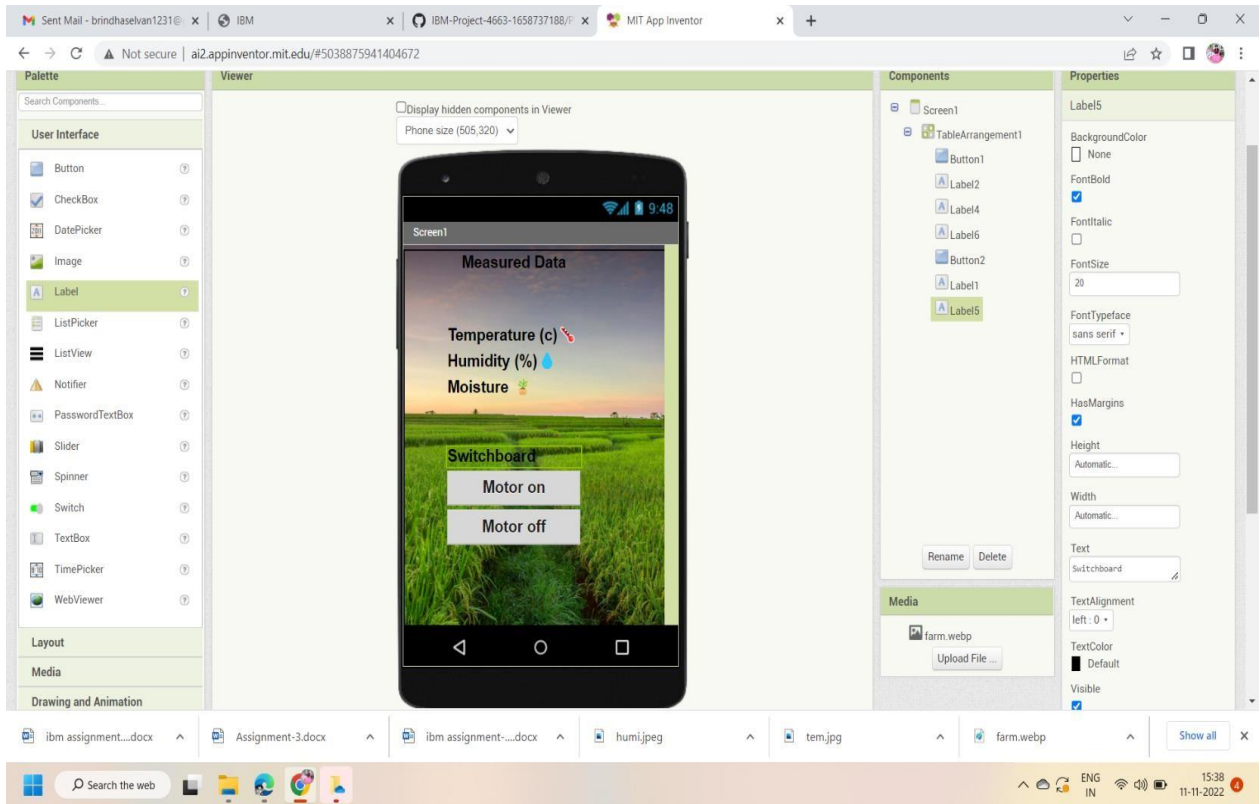
MOBILE APP WEB : BLOCK DIAGRAM



SCREEN – 1



SCREEN - 2



Web APP UI Home Tab

